

## **ABSTRACT OF THE DISCLOSURE**

### **HIGH EFFICIENCY LIGHT GUIDE**

The present invention includes a light guide system (200) and a method (300) for increasing the efficiency of light guide systems. The light guide system can include a light conduit (204) for directing light and a reflective material (206) coated to the light conduit without a boundary between the light conduit and the reflective material. The light guide system can also include a light source (202) optically coupled to the light conduit. A method of increasing the efficiency of a light guide system can include the steps of providing (304) a light conduit and coating (306) the light conduit with a reflective material without a boundary between the coating and the light conduit.